

8	7	5.8	279	4	US-10-425-114-40794	Sequence 40794, A
9	7	5.8	297	5	US-10-450-763-51740	Sequence 51740, A
10	7	5.8	471	6	US-11-097-143-12147	Sequence 12147, A
11	7	5.8	511	4	US-10-282-122A-52726	Sequence 52726, A
12	7	5.8	514	4	US-10-424-599-284718	Sequence 284718, A
13	7	5.8	549	4	US-10-369-493-10400	Sequence 10400, A
14	7	5.8	572	4	US-10-425-115-344946	Sequence 344946, A
15	7	5.8	691	4	US-10-032-585-7343	Sequence 7343, Ap
16	7	5.8	715	4	US-10-425-114-43542	Sequence 43542, A
17	7	5.8	728	4	US-10-437-963-127180	Sequence 127180, A
18	7	5.8	741	4	US-10-437-963-171393	Sequence 171393, A
19	7	5.8	781	4	US-10-424-599-284719	Sequence 284719, A
20	7	5.8	808	4	US-10-437-963-127182	Sequence 127182, A
21	7	5.8	827	4	US-10-437-963-127181	Sequence 127181, A
22	7	5.8	1160	4	US-10-437-963-120406	Sequence 120406, A
23	7	5.8	1409	6	US-11-097-143-23910	Sequence 23910, A
24	7	5.8	2039	4	US-10-437-963-155661	Sequence 155661, A
25	6	5.0	8	4	US-10-395-817-19	Sequence 19, Appl
26	6	5.0	12	4	US-10-103-597A-27	Sequence 27, Appl
27	6	5.0	12	4	US-10-103-597A-32	Sequence 32, Appl
28	6	5.0	12	4	US-10-188-444-27	Sequence 27, Appl
29	6	5.0	12	4	US-10-188-444-32	Sequence 32, Appl
30	6	5.0	15	4	US-10-395-817-21	Sequence 21, Appl
31	6	5.0	21	3	US-09-962-756-471	Sequence 471, App
32	6	5.0	21	3	US-09-962-756-540	Sequence 540, App
33	6	5.0	21	3	US-09-962-756-611	Sequence 611, App
34	6	5.0	21	3	US-09-962-756-614	Sequence 614, App
35	6	5.0	21	3	US-09-962-756-1726	Sequence 1726, Ap
36	6	5.0	21	4	US-10-253-471-471	Sequence 471, App
37	6	5.0	21	4	US-10-253-471-540	Sequence 540, App
38	6	5.0	21	4	US-10-253-471-611	Sequence 611, App
39	6	5.0	21	4	US-10-253-471-614	Sequence 614, App
40	6	5.0	21	4	US-10-253-471-1726	Sequence 1726, Ap
41	6	5.0	21	4	US-10-253-493-471	Sequence 471, App
42	6	5.0	21	4	US-10-253-493-540	Sequence 540, App
43	6	5.0	21	4	US-10-253-493-611	Sequence 611, App
44	6	5.0	21	4	US-10-253-493-614	Sequence 614, App
45	6	5.0	21	4	US-10-253-493-1726	Sequence 1726, Ap

## ALIGNMENTS

## RESULT 1

US-10-225-066A-342

; Sequence 342, Application US/10225066A

; Publication No. US20030226173A1

; GENERAL INFORMATION:

; APPLICANT: Mendel Biotechnology, Inc.

; APPLICANT: RATCLIFFE, Oliver

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; APPLICANT: BROUN, Pierre E

; TITLE OF INVENTION: Yield-Related Polynucleotides and Polypeptides in Plants

; FILE REFERENCE: MBI0036-2 US

; CURRENT APPLICATION NUMBER: US/10/225,066A

; CURRENT FILING DATE: 2002-08-09

; PRIOR APPLICATION NUMBER: 09/837,444

; PRIOR FILING DATE: 2001-04-18

; PRIOR APPLICATION NUMBER: 60/310,847

; PRIOR FILING DATE: 2001-08-09

; PRIOR APPLICATION NUMBER: 60/336,049

; PRIOR FILING DATE: 2001-12-05

; PRIOR APPLICATION NUMBER: 60/338,692

; PRIOR FILING DATE: 2001-12-11

; PRIOR APPLICATION NUMBER: 10/171,468

; PRIOR FILING DATE: 2002-06-14

; NUMBER OF SEQ ID NOS: 1122

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 342  
; LENGTH: 358  
; TYPE: PRT  
; ORGANISM: Arabidopsis thaliana  
US-10-225-066A-342

Query Match 6.7%; Score 8; DB 4; Length 358;  
Best Local Similarity 100.0%; Pred. No. 8.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 12 NQSHHHDN 19  
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Db 205 NQSHHHDN 212

## RESULT 2

US-10-374-780A-2682

; Sequence 2682, Application US/10374780A

; Publication No. US20040019927A1

## ; GENERAL INFORMATION:

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; APPLICANT: Dubell III, Arnold T

; APPLICANT: Pineda, Omaira

; APPLICANT: Yu, Guo-Liang

; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS

; FILE REFERENCE: MBI-0047 CIP

; CURRENT APPLICATION NUMBER: US/10/374,780A

; CURRENT FILING DATE: 2003-02-25

; PRIOR APPLICATION NUMBER: 09/837,944

; PRIOR FILING DATE: 2001-04-18

; PRIOR APPLICATION NUMBER: 60/310,847

; PRIOR FILING DATE: 2001-08-09

; PRIOR APPLICATION NUMBER: 09/934,455

; PRIOR FILING DATE: 2001-08-22

; PRIOR APPLICATION NUMBER: 60/336,049

; PRIOR FILING DATE: 2001-11-19

; PRIOR APPLICATION NUMBER: 60/338,692

; PRIOR FILING DATE: 2001-12-11

; PRIOR APPLICATION NUMBER: 10/171,468

; PRIOR FILING DATE: 2002-06-14

; PRIOR APPLICATION NUMBER: 10/225,066

; PRIOR FILING DATE: 2002-08-09

; PRIOR APPLICATION NUMBER: 10/225,067

; PRIOR FILING DATE: 2002-08-09

; PRIOR APPLICATION NUMBER: 10/225,068

; PRIOR FILING DATE: 2002-08-09

; NUMBER OF SEQ ID NOS: 2906

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 2682

; LENGTH: 358

; TYPE: PRT

; ORGANISM: Arabidopsis thaliana

; FEATURE:

; OTHER INFORMATION: G1642

US-10-374-780A-2682

Query Match 6.7%; Score 8; DB 4; Length 358;  
Best Local Similarity 100.0%; Pred. No. 8.3;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 12 NQSHHHDN 19  
|||||||  
Db 205 NQSHHHDN 212